

Lignite Resin SPNH

Lignite resin SPNH is a temperature-resistant and salt-resistant fluid loss additive for drilling fluid composed of sulfonated phenolic resin and sulfonated lignite. It is used together with sulfonated tannin and sulfonated asphalt, and is one of the ideal high-temperature deep well mud systems.

1. Features and Advantages:

- (1) Black free flowing powder, no peculiar smell, no mechanical impurities, no caking, easy to use;
- (2) Meet the control requirements of filtration loss of common water-based mud;
- (3) It has good temperature resistance, salt resistance and calcium resistance;
- (4) The product has the function of consolidating the well wall, preventing collapse and well jamming;
- (5) The product has good salt and calcium resistance.

2. Technical Parameters

Items		Specifications
Appearance		Black brown powder
Moisture (mass fraction), %		≤18.00
insoluble matter, %		≤12.00
PH value		9.00-10.20
API filtration, mL	Fresh water pulp	≤10.00
	Sodium chloride contaminated pulp	≤15.00
High temperature and pressure filtration, mL	Fresh water pulp	≤30.0
	Sodium chloride contaminated pulp	≤35.0
Apparent viscosity mPa.s	Fresh water pulp	≤15.0
	Sodium chloride contaminated pulp	≤50.0

3. Applications

- (1) Often used as deep well mud treatment agent;
- (2) The operating temperature of the product should not exceed 200 ℃;
- (3) Recommended dosage: 1% - 3%.

4. Packing

- (1) Packed in "three in one" bags, lined with polyethylene film bags, each bag has a net weight of 25kg.
- (2) Store in a cool, dry and ventilated place. In storage and transportation, due to its water solubility, it is forbidden to break the package

